



IFW

## PATENTS

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Feng et al.                      Atty. Dckt. HDI 102  
Serial No. 10/736,613                      Examiner: Koch, George R  
Filed: 12/17/2003                      Grp Art Unit: 1734  
For: Determination of Physical  
Qualities of Lubricant

**Certificate of Mailing**

I, Stanley Z. Cole, hereby certify that this paper is being mailed first class mail with the U.S. Postal Service with proper postage affixed addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450 on the date set forth below.

Date: October 18, 2004

Signed

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Reply to Office Action**  
**Dated 9/23/2004**

Honorable Commissioner for Patents:

This is in response to the Office Action dated 09/23/2004 requiring an election and a designation of species.

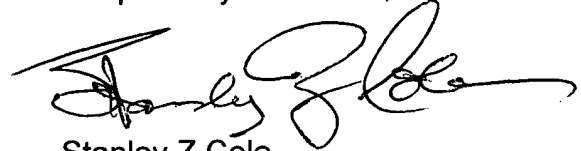
In response restriction requirement applicants elect Group I. Claims 1, 3-8, 10-15.

In response to the requirement that applicants elect species, in Group A applicants elect "b" the rotary shutter system and in Group B species "d" a peristaltic pump style dispenser/titrator.

In connection with the election of inventions, the suggestion is made that the claims are drawn to a shutter system. In fact these claims are for a mapping system including various components of which a shutter system is one segment. For example, in claim 1 there is also required optics, a detection system, a test stand with a rotatable spindle on which a disk is positioned for examination, a computer, a dispenser/titrator and drive means to rotate the disk, etc. The examiner is therefore asked to reconsider the election requirement.

Applicants have also selected species as required. Since these too are simply segments of a combination invention, it is requested that this requirement also be reconsidered and removed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stanley Z Cole", with a stylized, flowing script.

Stanley Z Cole

Registration No. 17,654